

## Policy & Procedure (P&P)

Policy Title :

### Confirmation of ABO-RH group for blood components

Department	Index No.	Scope
Laboratory & Blood Bank	LAB-064	All Blood Bank Staff
Issue Date	Revision NO	Effective Date
1432/10/27	3	1440/07/23
Review Due Date	Related Standard NO.	Page Number#
1442/07/23	CBAHI (LB.50)	2

#### 01. Policy:

01.1. The blood bank has a process to confirm the ABO-RhD of donated blood **after the initial labeling.**

#### 02. Definition :

02.1. N/A

#### 03. Purpose :

03.1. To confirm the ABO-RhD of donated blood and to resolve the discrepancies before releasing any blood/blood components.

#### 04. Procedure :

**After the initial labeling, the blood bank technician performs the forward blood grouping ABO and the Rh-D type from the integrally attached segment from the RBC component:**

- the blood bank technician removes the batch of the units of PRBCs from the unscreened refrigerator and arranges them on the bench or on the trolley with their serial number by order.
- the blood bank technician labels tubes with the corresponding serial number.
- the blood bank technician takes a segment from each unit and puts it in the tube having the same serial number as the PRBC unit.
- the blood bank technician returns the units of PRBCs again to the unscreened refrigerator.
- the blood bank technician performs the forward ABO group and the Rh-D type by gel method (the first choice) or tube method (if gel card not available). (cross reference policy LAB-61)

- the blood bank technician writes the results on the special worksheet for blood grouping
- the blood bank technician compares these results with those performed from the EDTA tubes.
- If any discrepancy is found, the blood bank technician quarantines all the units (all the batch: PRBC, FFP, Platelets) and informs the Blood bank doctor.
- the Blood bank doctor investigates and resolves the discrepancies before the releasing of any blood/blood components.

#### 05. Responsibilities :

- 05.1. All Blood Bank Staff of Al-Qunfudah General Hospital.

#### 06. Equipment & Forms

- 06.1. Blood Grouping worksheet

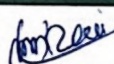
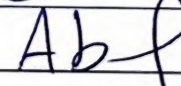
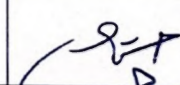


#### 07. Attachment :

- 07.1. N/A

#### 08. Reference

- 08.1. The Technical Manual of the American Association of Blood Banks.

### Preparation , Reviewing & Approval Box

	NAME	POSITION	SIGN & STAMP	DATE
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Approved By	Dr. ABDULLAH ALJABRI	Hospital Director		1440/7/17



**BLOOD GROUP FROM SEGMENTS****DAY****DATE**

<b>SERIAL NUMBER barcode</b>	<b>Blood group</b>	<b>SERIAL NUMBER barcode</b>	<b>Blood group</b>

Performed by

Approved by